		FORM							
APPLI	1. WELL NAME and NUMBER NBU 921-16L1T								
2. TYPE OF WORK DRILL NEW WELL	REENTER P	&A WELL (DEEPE	N WELL			3. FIELD OR WILDO	CAT NATURAL BUTTES		
4. TYPE OF WELL Gas We		bed Methane Well: NO				5. UNIT or COMMU	NITIZATION AGREENATURAL BUTTES	EMENT NAME	
6. NAME OF OPERATOR		GAS ONSHORE, L.P.				7. OPERATOR PHO			
8. ADDRESS OF OPERATOR P.O	. Box 173779, [Denver, CO, 80217				9. OPERATOR E-MA mary.m	IL ondragon@anadarko.	.com	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)		11. MINERAL OWNE	RSHIP IAN STATE (FEE (iii)	12. SURFACE OWN	ERSHIP DIAN (📵) STATE (FEE (III)	
ST ML 3141 13. NAME OF SURFACE OWNER (if box 12	= 'fee')	1		=-		14. SURFACE OWN		~ ~	
15. ADDRESS OF SURFACE OWNER (if box	12 = 'fee')					16. SURFACE OWN	ER E-MAIL (if box 1	.2 = 'fee')	
17. INDIAN ALLOTTEE OR TRIBE NAME		18. INTEND TO COM		ION	FROM	19. SLANT			
(if box 12 = 'INDIAN') Ute			commingling Applicat	ion)	NO 📵	VERTICAL DIF	RECTIONAL () HO	ORIZONTAL (
20. LOCATION OF WELL	FC	OOTAGES	QTR-QTR		SECTION	TOWNSHIP	RANGE	MERIDIAN	
LOCATION AT SURFACE	2155 F	FSL 818 FWL	NWSW		16	9.0 S	21.0 E	S	
Top of Uppermost Producing Zone	2155 F	FSL 818 FWL	SL 818 FWL NWSW		16	9.0 S	21.0 E	S	
At Total Depth	2155 F	FSL 818 FWL	NWSW		16	9.0 S	21.0 E	S	
21. COUNTY UINTAH		22. DISTANCE TO N	818	IE (Fe	eet)	23. NUMBER OF ACRES IN DRILLING UNIT			
		25. DISTANCE TO NI (Applied For Drilling		AME	POOL	26. PROPOSED DEPTH MD: 10250 TVD: 10250			
27. ELEVATION - GROUND LEVEL 4816		28. BOND NUMBER	22013542			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Water permit # 43-8496			
		Αī	TTACHMENTS						
VERIFY THE FOLLOWING	ARE ATTACH	HED IN ACCORCANG	CE WITH THE UT	ГАН	OIL AND G	AS CONSERVATI	ON GENERAL RU	LES	
✓ WELL PLAT OR MAP PREPARED BY	LICENSED SUI	RVEYOR OR ENGINEER	R COM	COMPLETE DRILLING PLAN					
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGRI	EEMENT (IF FEE SURF	ACE) FOR	FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)				OGRA	PHICAL MAI	•			
NAME Kevin McIntyre	TI	ITLE Regulatory Analyst	I		PHONE 72	0 929-6226			
SIGNATURE DATE 12/24/2008					EMAIL Kev	vin.McIntyre@anadark	o.com		
API NUMBER ASSIGNED 43047500660000	AF	PPROVAL			Bol	Rejill			
					Perm	it Manager			

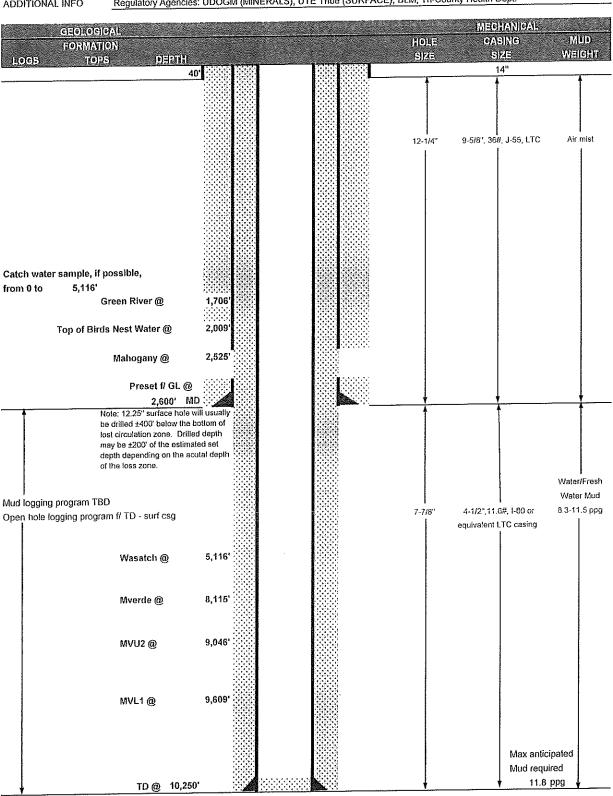
	Proposed Hole, Casing, and Cement								
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)					
Surf	12.25	9.625	0	2600					
Pipe	Grade	Length	Weight						
	Grade J-55 LT&C	2600	36.0						
	Cement Interval	Top (MD)	Bottom (MD)						
		0	2600						
		Cement Description	Class	Sacks	Yield	Weight			
			Premium Foamed Cement	215	1.18	15.6			

	Proposed Hole, Casing, and Cement								
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)					
Prod	7.875	4.5	0	10250					
Pipe	Grade	Length	Weight						
	Grade I-80 LT&C	10250	11.6						
	Cement Interval	Top (MD)	Bottom (MD)						
		0	10250						
		Cement Description	Class	Sacks	Yield	Weight			
			Premium Lite High Strength	500	3.38	11.0			
			Pozzuolanic Cement	1580	1.31	14.3			



KERR-McGEE OIL & GAS ONSHORE LP <u>DRILLING PROGRAM</u>

KERR-McGEE OIL & GAS ONSHORE LP August 1, 2008 COMPANY NAME 10,250' MD/TVD NBU 921-16L1T WELL NAME 4,816' GL KB 4,831' ELEVATION STATE Utah FIELD Natural Buttes COUNTY Uintah Straight Hole NWSW 2155' FSL & 818' FWL, Sec. 16, T 9S R 21E SURFACE LOCATION **NAD 27** -109,562578 40.034781 Longitude: OBJECTIVE ZONE(S) Wasalch/Mesaverde Regulatory Agencies: UDOGM (MINERALS), UTE Tribe (SURFACE), BLM, Tri-County Health Dept. ADDITIONAL INFO



'APIWellNo:43047500660000'

Kerrnegee

KERR-McGEE OIL & GAS ONSHORE LP **DRILLING PROGRAM**

CASING PROGRAM

<u>Ortomorriosina</u>									ESIGN FACT	
	SIZE	l i	NERV.	N.	Wī.	ej;k	CFILO.	BURST	COLLAPSE	TENBION
CONDUCTOR	14"		0-40'					3520	2020	453000
SURFACE	9-5/8"	0	to	2,600'	36.00	J-55	L,TC	0.87 7780	1.66 6350	5.53 201000
PRODUCTION	4-1/2"	0	to	10250	11.60	1-80	LTC	1.93	1.01	1.94

¹⁾ Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

.22 psi/ft = gradient for partially evac wellbore

(Burst Assumptions: TD =

11.8 ppg) (Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

4100 psi

CEMENT PROGRAM

		racoralist	DESCRIPTION	SAGKS	EXCESS	WEIGHT	YELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ .25 pps flocele				
- p	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt	100		15.60	1.18
			+ 2% CaCl + .25 pps flocele			45.00	4.40
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			NOTE: If well will circulate water to surface	e, option 2	will be util	izeti	
Option 2	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite	230	35%	11.00	3.82
			+.25 pps Flocele + 3% salt BWOC				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15,60	1.18
			+ .25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
		·					
PRODUCTIO	N LEAD	4,610	Premium Lite II + 3% KCI + 0.25 pps	500	60%	11.00	3.38
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	5,640'	50/50 Poz/G + 10% salt + 2% gel	1580	60%	14.30	1.31
			+.1% R-3				

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.	
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.	

ADDITION	AL INFORMATION			
	Test casing head to 750 psi a	after installing. Test surfa	ice casing to 1,500 psi prior to drilling or	1t.
	BOPE: 11" 5M with one annu	ular and 2 rams. Test to	5,000 psi (annular to 2,500 psi) prior to	drilling out. Record on chart recorder &
	tour sheet. Function test ram	is on each trip. Maintain	safety valve & inside BOP on rig floor a	all times. Kelly to be equipped with upper
	& lower kelly valves.			
	Drop Totco surveys every 20	00'. Maximum allowable	hole angle is 5 degrees.	
	Most rigs have PVT Systems	for mud monitoring. If no	PVT is available, visual monitoring will	be utilized.
DRILLING	ENGINEER:			DATE:
		Brad Laney		DATE:
DRILLING SUPERINTENDENT:				
		Randy Bayne	NBU 921-16L1T.xls	

MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

^{*}Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

NBU 921-16L1T Twin to CIGE 217 NWSW Sec. 16, T9S,R21E UINTAH COUNTY, UTAH ST ML 3141

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

Formation	<u>Depth</u>
Uinta	0- Surface
Green River	1706'
Birds Nest	2009'
Mahogany	2525'
Wasatch	5116'
Mesaverde	8115'
MVU2	9046'
MVL1	9609'
TD	10,250°

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>	
	Green River	1706'	
Water	Birds Nest	2009°	
Water	Mahogany	2525'	
Gas	Wasatch	5116'	
Gas	Mesaverde	8115'	
Gas	MVU2	9046'	
Gas	MVL1	9609'	
Water	N/A		
Other Minerals	N/A		

3. <u>Pressure Control Equipment</u> (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. <u>Drilling Fluids Program</u>:

Please refer to the attached Drilling Program.

6. <u>Evaluation Program</u>:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 10,250' TD, approximately equals 6355 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 4100 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. Variances:

Please refer to the attached Drilling Program.

Onshore Order #2 – Air Drilling Variance

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests a variance to several requirements associated with air drilling outlined in Onshore Order 2

- Blowout Prevention Equipment (BOPE) requirements;
- Mud program requirements; and
- Special drilling operation (surface equipment placement) requirements associated with air drilling.

This Standard Operating Practices addendum provides supporting information as to why KMG current air drilling practices for constructing the surface casing hole should be granted a variance to Onshore Order 2 air drilling requirements.

The reader should note that the air rig is used only to construct a stable surface casing hole through a historically difficult lost circulation zone. A conventional rotary rig follows the air rig, and is used to drill and construct the majority of the wellbore.

More notable, KMG has used the air rig layout and procedures outlined below to drill the surface casing hole in approximately 675 wells without incident of blow out or loss of life.

Background

In a typical well, KMG utilizes an air rig for drilling the surface casing hole, an interval from the surface to surface casing depths, which varies in depth from 1,700 to 2,800 feet. The air rig drilling operation does not drill through productive or over pressured formations in KMG field, but does penetrate the Uinta and Green River Formations. The purpose of the air drilling operation is to overcome the severe loss circulation zone in the Green River known as the Bird's Nest while creating a stable hole for the surface casing. The surface casing hole is generally drilled to approximately 500 feet below the Bird's Nest.

Before the surface air rig is mobilized, a rathole rig is utilized to set and cement conductor pipe through a competent surface formation. Generally, the conductor is set at

40 feet. In some cases, conductor may be set deeper in areas that the surface formation is not found competent. This rig also drills the rat and mouse holes in preparation for the surface casing and production string drilling operations.

The air rig is then mobilized to drill the surface casing hole by drilling a 12-1/4 inch hole to just above the Bird's Nest interval with an air hammer. The hammer is then tripped and replaced with a 12-1/4 inch tri-cone bit. The tri-cone bit is used to drill to the surface casing point, approximately 500 feet below the loss circulation zone (Bird's Nest). The 9-5/8 inch surface casing is then run and cemented in place, thereby isolating the lost circulation zone.

KMG fully appreciates Onshore Order 2 well control and safety requirements associated with a typical air drilling operations. However, the requirements of Onshore Order 2 are excessive with respect to the air rig layout and drilling operation procedures that are currently in practice to drill and control the surface casing hole in KMG Fields.

Variance for BOPE Requirements

The air rig operation utilizes a properly lubricated and maintained air bowl diverter system which diverts the drilling returns to a six-inch blooie line. The air bowl is the only piece of BOPE equipment which is installed during drilling operations and is sufficient to contain the air returns associated with this drilling operation. As was discussed earlier, the drilling of the surface hole does not encounter any over pressured or productive zones, and as a result standard BOPE equipment should not be required. In addition, standard drilling practices do not support the use of BOPE on 40 feet of conductor pipe,

Variance for Mud Material Requirements

Onshore Order 2 also states that sufficient quantities of mud materials shall be maintained or readily accessible for the purpose of assuring adequate well control. Once again, the surface hole drilling operations does not encounter over pressured or productive intervals, and as a result there is not a need to control pressure in the surface hole with a mud system. Instead of mud, the air rigs utilize water from the reserve pit for well control, if necessary. A skid pump which is located near the reserve pit (see attachment) will supply the water to the well bore.

Variance for Special Drilling Operation (surface equipment placement) Requirements Onshore Order 2 requires specific safety distances or setbacks for the placement of associated standard air drilling equipment, wellbore, and reserve pits. The air rigs used to drill the surface holes are not typical of an air rig used to drill a producing hole in other parts of the US. These are smaller in nature and designed to fit a KMG location, The typical air rig layout for drilling surface hole in the field is attached.

Typically the blooie line discharge point is required to be 100 feet from the well bore. In the case of a KMG well, the reserve pit is only 45 feet from the rig and is used for the drill cuttings. The blooie line, which transports the drill cuttings from the well to the reserve pit, subsequently discharges only 45 feet from the well bore.

Typically the air rig compressors are required to be located in the opposite direction from the blooie line and a minimum of 100 feet from the well bore. At the KMG locations, the air rig compressors are approximately 40 feet from the well bore and approximately 60 feet from the blooie line discharge due to the unique air rig design. The air compressors

(see attachment) are located on the rig (1250 cfm) and on a standby trailer (1170 cfm). A booster sits between the two compressors and boosts the output from 350 psi to 2000 psi. The design does put the booster and standby compressor opposite from the blooie line.

Lastly, Onshore Order 2 addresses the need for an automatic igniter or continuous pilot light on the blooie line. The air rig does not utilize an igniter as the surface hole drilling operation does not encounter productive formations.

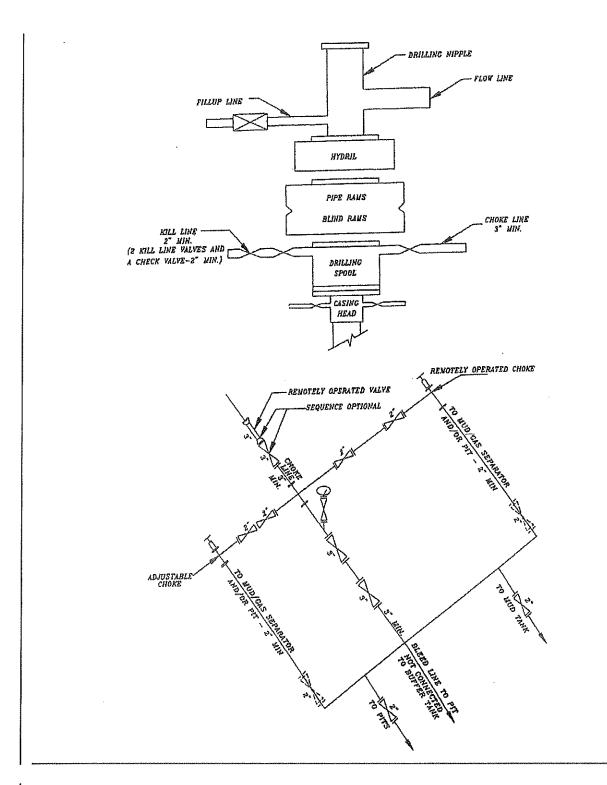
Conclusion

The air rig operating procedures and the attached air rig layout have effectively maintained well control while drilling the surface holes in KMG Fields. KMG respectfully requests a variance from Onshore Order 2 with respect to air drilling well control requirements as discussed above.

10. Other Information:

Please refer to the attached Drilling Program.

EXHIBIT A



SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

NBU 921-16L1T Twin to CIGE 217 NWSW SEC 16-T9S-R21E Uintah County, UT ST ML 3141

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

The existing road for the CIGE 217 will be utilized. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

No new access road is proposed. However, there is a proposed 0.1 mi. +/1 re-route of the existing road. Refer to Topo Map B for the location of the existing access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. <u>Location of Existing Wells Within a 1-Mile Radius:</u>

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 1,063' of 4" pipeline is proposed. Refer to Topo D for the proposed pipeline.

5. <u>Location and Type of Water Supply:</u>

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 20 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig,

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled By truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. CIGE 112D SWD – SESE, SECTION 19, T9S, R21E, NBU 47N2 SWD – SESW, SECTION 30, T10S, R22E, NBU 159 SWD – NESW, SECTION 35, T9S, R21E, NBU 347 – NWSW, SECTION 11, T10S, R22E, Ouray #1 SWD – NENE SECTION 1, T9S, R21E, Pipeline Facility Sec. 36, T9S, R20E, Goat Pasture Evaporation Pond SW/4 Sec. 16, T10S, R22E, Bonanza Evaporation Pond Sec. 2, T10S, R23E

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

Surface Use & Operations Plan

Page 4

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface/Mineral Ownership:

The well pad and access road are located on lands owned by:

Ute Indian Tribe P.O. Box 70 Fort Duchesne, Utah 84026

The mineral ownership is listed below:

SITLA 675 East 500 South, Suite 500 Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and will be submitted.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

13. <u>Lessee's or Operators's Representative & Certification:</u>

Kevin McIntyre Regulatory Analyst Kerr-McGee Oil & Gas Onshore LP PO BOX 173779 Denver, CO 80217-3779 (720) 929-6226 Randy Bayne Drilling Manager Kerr-McGee Oil & Gas Onshore LP 1368 South 1200 East Vernal, UT 84078 (435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Surface Use & Operations Plan

Page 6

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of Indian Affairs Nationwide Bond #RLB0005239.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Kevin McIntyre

Regulatory Analyst

8/1/2008

Date

Kerr-McGee Oil & Gas Onshore LP NBU #921-16J3S, #921-16L1T, #921-16F3S & #921-16E4S SECTION 16, T9S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND SOUTHEASTERLY, THEN EASTERLY, IN AN NORTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; SOUTHEASTERLY, DIRECTION AND PROCEED IN A TURN LEFT APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 41.5 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #921-16E4S, #921-F3S, #921-L1T & #921-16J3S LOCATED IN UINTAH COUNTY, UTAH

SECTION 16, T9S, R21E, S.L.B.&M.

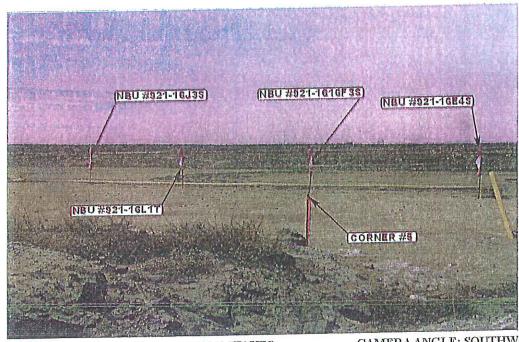
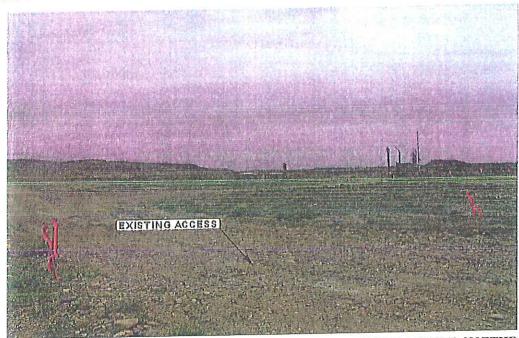


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHWESTERLY



CCESS AND PROPOSED ROAD RE-ROUTE

CAMERA ANGLE: NORTHEASTERLY



Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

06 27 08 MONTH DAY YEAR

РНОТО

TAKEN BY: L.K. | DRAWN BY: J.J. | REVISED: 00-00-00

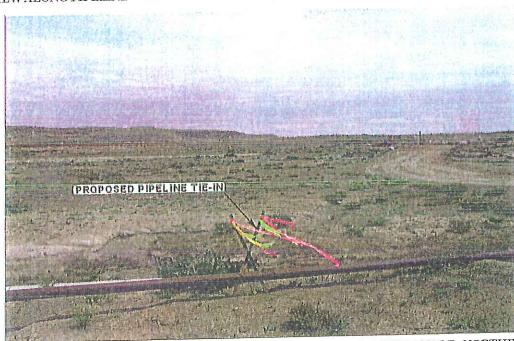
Kerr-McGee Oil & Gas Onshore LP

NBU #921-16E4S, #921-F3S, #921-L1T & #921-16J3S LOCATED IN UINTAH COUNTY, UTAH SECTION 16, T98, R21E, S.L.B.&M.



PHOTO: VIEW ALONG PIPELINE

CAMERA ANGLE: NORTHEASTERLY



CAMERA ANGLE: NORTHEASTERLY



LOCATION PHOTOS TAKEN BY: L.K. | DRAWN BY: J.J. | REVISED: 00-00-00

06 27 08 MONTH DAY YEAR

рното

2005 Alum. Cap, Pile of Stones

- M., +1, ZO. OON

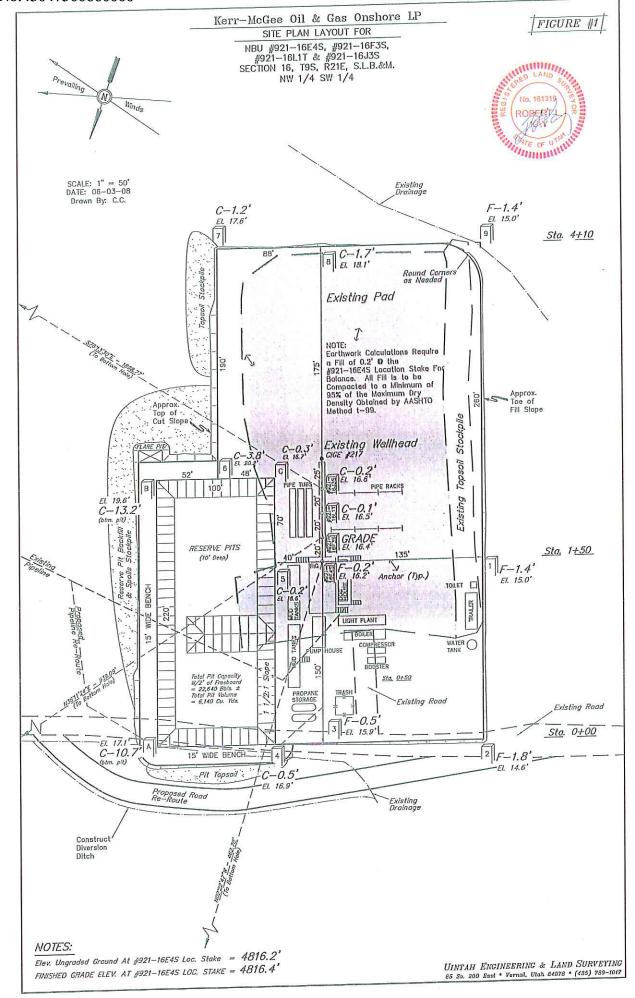
2647.34' (Meds.)

NOO.08,41,,E - 5048.24, (Weds.)

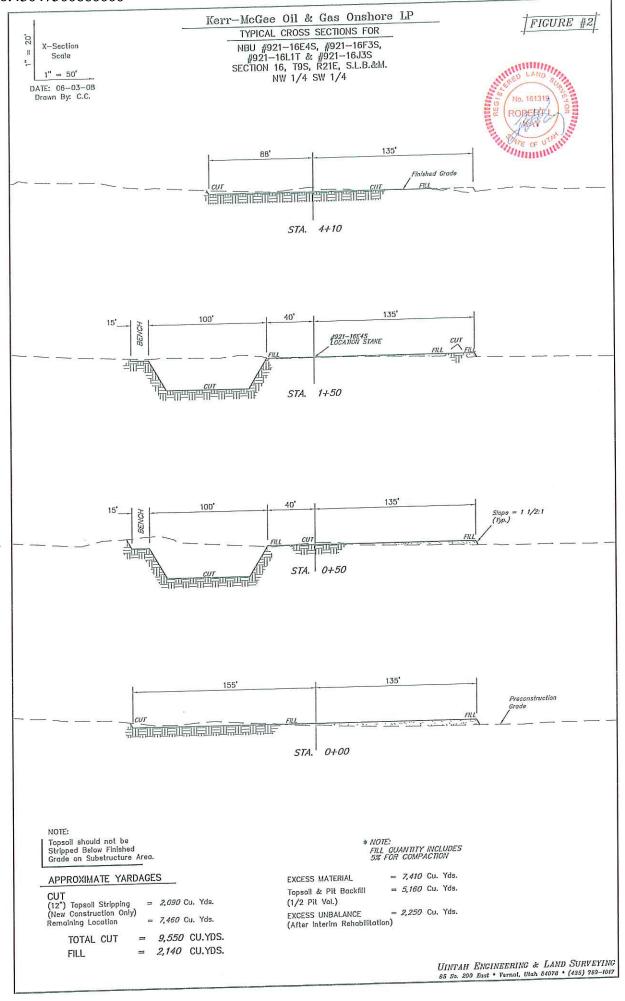
LEGEND

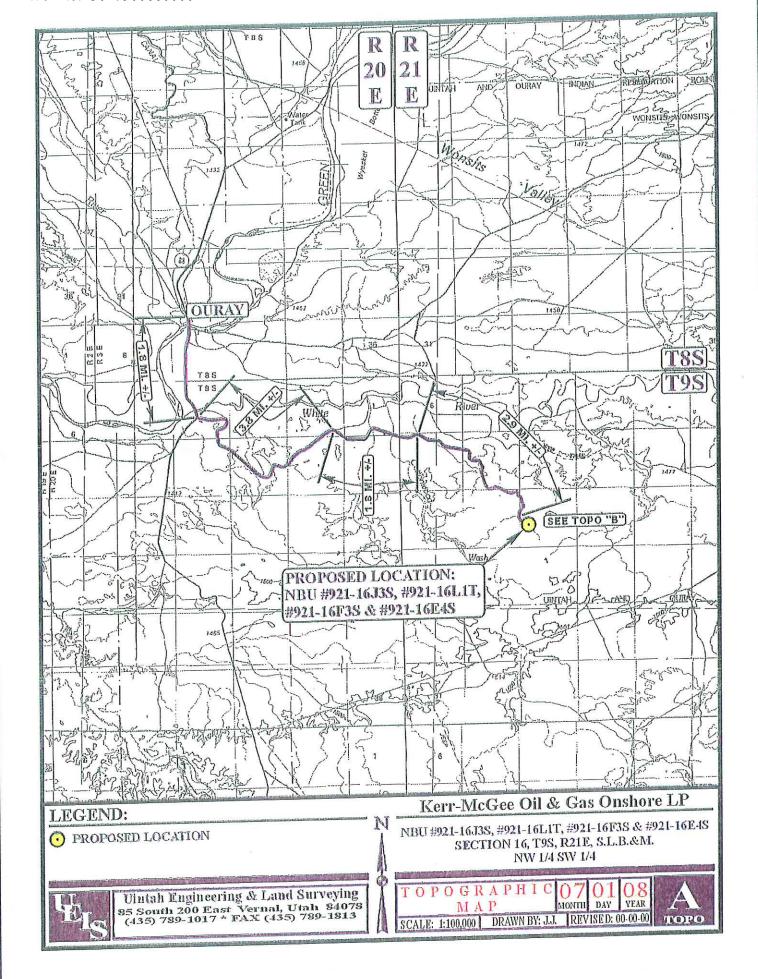
11

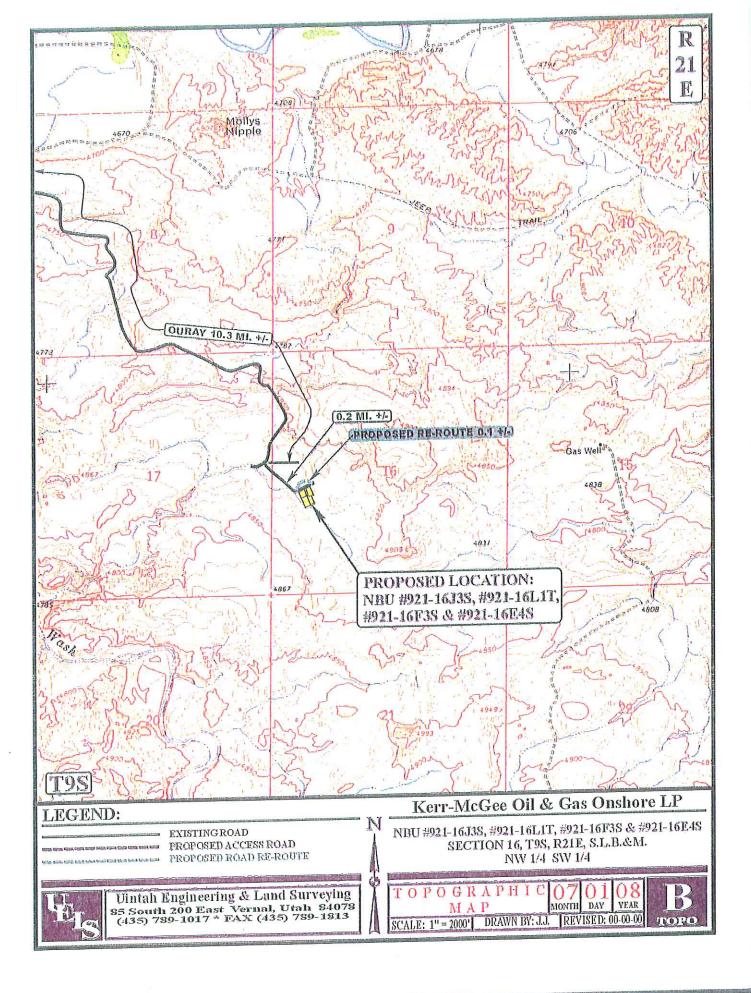
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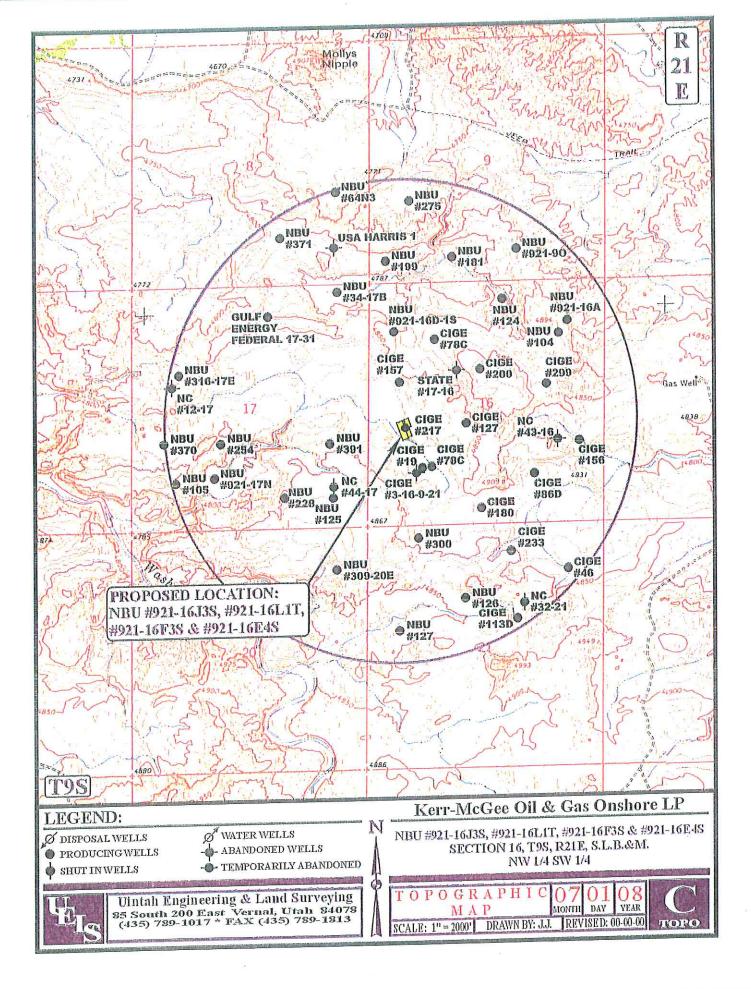


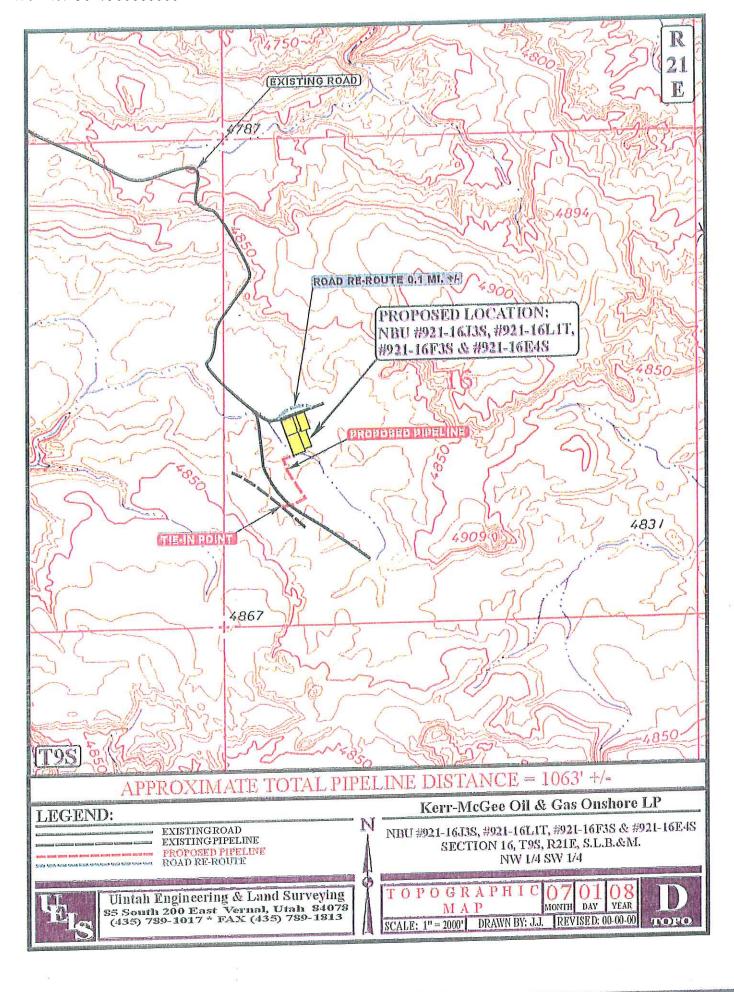
'APIWellNo:43047500660000'

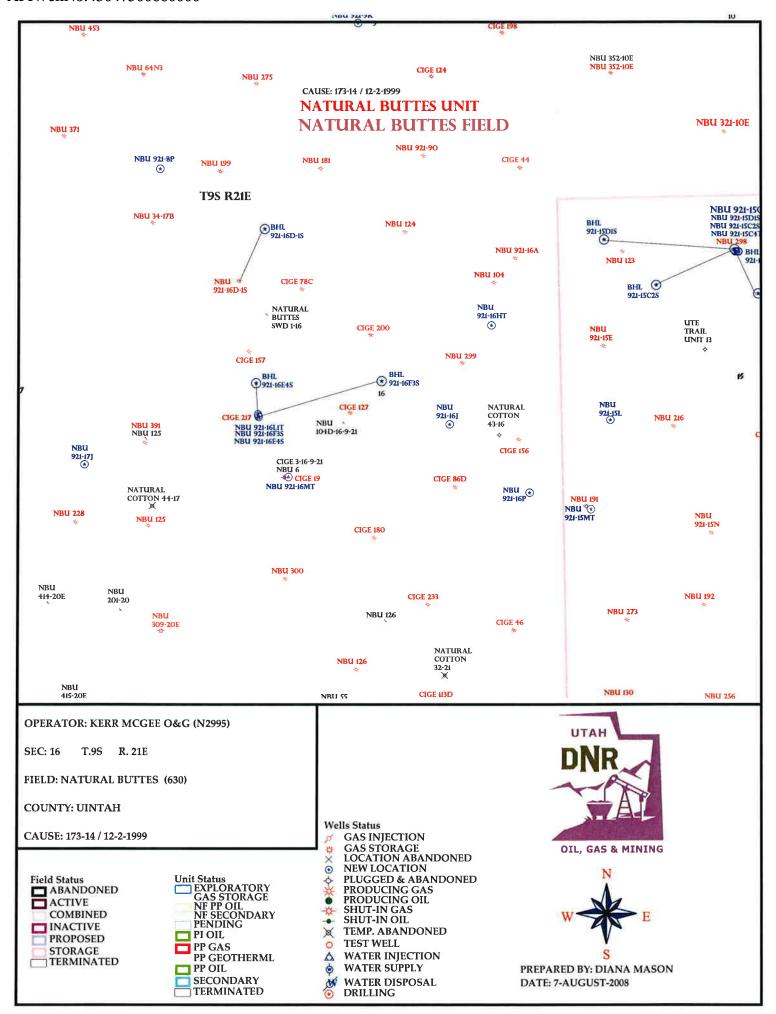












United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

August 7, 2008

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2008 Plan of Development Natural Buttes Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Natural Buttes Unit, Uintah County, Utah.

API # WELL NAME

LOCATION

(Proposed PZ Wasatch/MesaVerde)

43-047-50066 NBU 921-16L1T Sec 16 T09S R21E 2155 FSL 0818 FWL

43-047-50067 NBU 921-16F3S Sec 16 T09S R21E 2174 FSL 0811 FWL BHL Sec 16 T09S R21E 2385 FNL 1391 FWL

43-047-50068 NBU 921-16E4S Sec 16 T09S R21E 2193 FSL 0804 FWL BHL Sec 16 T09S R21E 2655 FSL 0785 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:8-7-08

BOPE REVIEW KERR-MCGEE OIL & GAS ONSHORE, L.P. NBU 921-16L1T 43047500660000

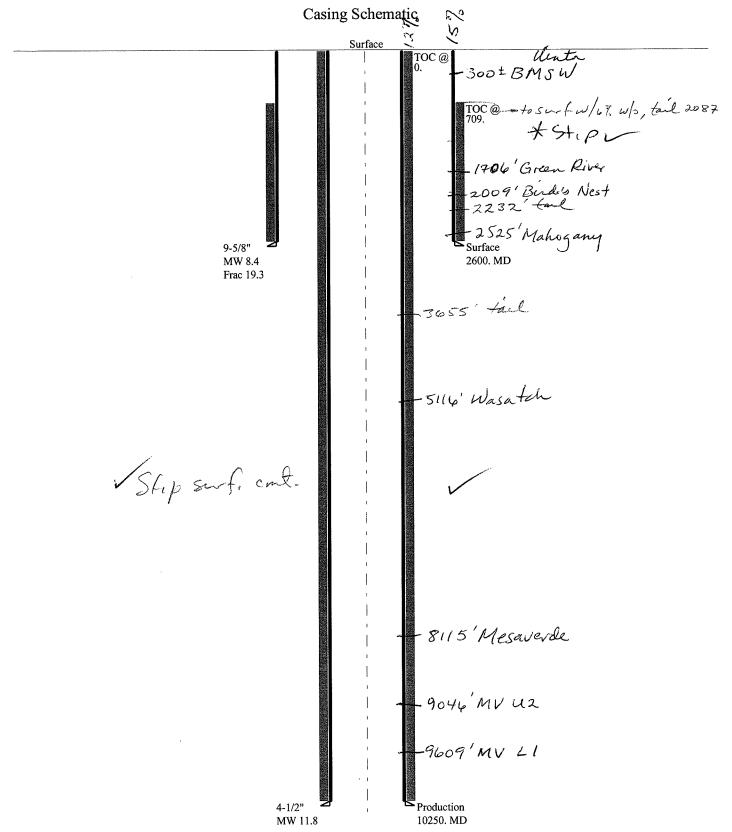
Well Name	KERR-MCGEE OIL & GAS ONSHORE, L.P. NBU 921-16L1T 43047500660			
String	Surf	Prod		
Casing Size(")	9.625	4.500		
Setting Depth (TVD)	2600	10250		
Previous Shoe Setting Depth (TVD)	40	2600		
Max Mud Weight (ppg)	8.4	11.8		
BOPE Proposed (psi)	500	5000		
Casing Internal Yield (psi)	3520	7780		
Operators Max Anticipated Pressure (psi)	6355	11.9		

Calculations	Surf String	9.625	"
Max BPH (psi)	.052*Setting Depth*MW=	1136	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	824	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	564	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(Setting Depth - Previous Shoe Depth)=	573	NO reasonable depth in area, no expected psi
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	4.500	"
Max BPH (psi)	.052*Setting Depth*MW=	6289	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5059	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4034	YES o.k.
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(Setting Depth - Previous Shoe Depth)=	4606	NO Reasonable - see max. allowed pressure
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String	"
Max BPH (psi)	.052*Setting Depth*MW=	
		BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	NO
		*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(Setting Depth - Previous Shoe Depth)=	NO
Required Casing/BOPE To	est Pressure=	psi
*Max Pressure Allowed @ Previous Casing Shoe=		psi *Assumes 1psi/ft frac gradient

Calculations	String	"
Max BPH (psi)	.052*Setting Depth*MW=	
		BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	NO
		*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(Setting Depth - Previous Shoe Depth)=	NO
Required Casing/BOPE To	est Pressure=	psi
*Max Pressure Allowed @ Previous Casing Shoe=		psi *Assumes 1psi/ft frac gradient



43047500660000 NBU 921-16L1T Well name:

Kerr-McGee Oil & Gas Onshore, L.P. Operator:

Surface Project ID: String type: 43-047-50066-0000

Uintah County, Utah Location:

Environment: Design parameters: Minimum design factors:

H2S considered? No Collapse Collapse: Surface temperature: 75 °F 8.400 ppg Design factor 1.125 Mud weight: 111 °F

Bottom hole temperature: Design is based on evacuated pipe. 1.40 °F/100ft Temperature gradient:

Minimum section length: 1,300 ft

Burst:

709 ft Design factor 1.00 Cement top:

Burst Max anticipated surface

> pressure: 822 psi

Internal gradient: 0.120 psi/ft Tension: Non-directional string. 8 Round STC: 1.80 (J) Calculated BHP 1,134 psi

1.80 (J) 8 Round LTC: 1.60 (J) No backup mud specified. **Buttress:** 1.50 (J) Premium:

Factor

1.781

(psi)

1134

1.50 (B) Body yield:

Next setting depth:

Tension is based on buoyed weight. Next mud weight: 11.800 ppg 1,594 psi Next setting BHP: Neutral point: 2,277 ft Fracture mud wt: 19.250 ppg 0 ft

(Kips)

82

Re subsequent strings:

2.600 ft

Factor

5.53 J

0 psi

Fracture depth: Injection pressure:

Factor

3.10

Nominal Measured Drift Internal End True Vert Segment Run Depth Depth Diameter Capacity Length Size Weight Grade **Finish** Seq (ft) (ft) (ft3) (lbs/ft) (in) (ft) (in) 36.00 J-55 LT&C 2600 2600 8.796 1128.4 1 2600 9.625 **Burst** Tension **Tension Tension** Collapse Collapse Collapse Burst **Burst** Run Strength Design Design Load Seq Load Strength Design Load Strength

(psi)

3520

Prepared

(psi)

1134

1

Helen Sadik-Macdonald Div of Oil, Gas & Minerals

(psi)

2020

Phone: (801) 538-5357 FAX: (801) 359-3940

Date: December 3,2008 Salt Lake City, Utah

(Kips)

453

Remarks:

Collapse is based on a vertical depth of 2600 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

43047500660000 NBU 921-16L1T Well name:

Kerr-McGee Oil & Gas Onshore, L.P. Operator:

Production Project ID: String type: 43-047-50066-0000

Uintah County, Utah Location:

Environment: Minimum design factors: Design parameters:

H2S considered? Collapse: **Collapse**

Surface temperature: 75 °F Mud weight: 11.800 ppg Design factor 1.125 Internal fluid density: 2.330 ppg Bottom hole temperature: 218 °F

1.40 °F/100ft Temperature gradient:

Minimum section length: 1,500 ft **Burst:**

Design factor

1.00 Surface Cement top: **Burst**

Max anticipated surface

pressure: 4,028 psi Internal gradient: 0.220 psi/ft Tension: Non-directional string.

Calculated BHP 6,283 psi 8 Round STC: 1.80 (J)

1.80 (J) 8 Round LTC: 1.60 (J) No backup mud specified. **Buttress:**

1.50 (J) Premium: Body yield: 1.50 (B)

> Tension is based on buoved weight. Neutral point: 8.442 ft

True Vert Measured Drift Internal Segment Nominal End Run Capacity Length Size Weight Grade **Finish** Depth Depth Diameter Seq (ft) (ft) (in) (ft³) (ft) (in) (lbs/ft) 1 10250 4.5 11.60 I-80 LT&C 10250 10250 3.875 894.5 **Burst Burst** Tension Tension **Tension** Run Collapse Collapse Collapse Burst Design Load Strength Design Design Load Strength Seq Load Strength **Factor** (Kips) (Kips) **Factor** (psi) (psi) **Factor** (psi) (psi) 2.16 J 98 212 1.261 6283 7780 1.24 1 5042 6360

Helen Sadik-Macdonald Prepared Div of Oil, Gas & Minerals Phone: (801) 538-5357 FAX: (801) 359-3940

Date: December 3,2008 Salt Lake City, Utah

No

Remarks:

Collapse is based on a vertical depth of 10250 ft, a mud weight of 11.8 ppg. An internal gradient of .121 psi/ft was used for collapse from TD Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

12/24/2008

Application for Permit to Drill Statement of Basis

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
917	43047500660000	LOCKED	GW	I	No
Operator	KERR-MCGEE OIL & GAS (ONSHORE, L.P.	Surface Owner-APD		
Well Name	NBU 921-16L1T		Unit	NATURAL B	UTTES
Field	NATURAL BUTTES		Type of Work	DRILL	
Location	NWSW 16 9S 21E S	2155 FSL 818 FW	L GPS Coord (UTM)	622644E 443	2388N

Geologic Statement of Basis

Kerr McGee proposes to set 2,600' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 300'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 16. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed surface casing and cement should adequately protect ground water in this area.

Brad Hill 12/2/2008
APD Evaluator Date / Time

Surface Statement of Basis

The surface rights at the proposed location are owned by the Ute Indian Tribe. The operator is responsible for obtaining all required permits and rights-of-way prior to making any surface disturbance or drilling the well.

Brad Hill 11/2/2008
Onsite Evaluator Date / Time

'APIWellNo:43047500660000'

Application for Permit to Drill Statement of Basis

Utah Division of Oil, Gas and Mining

Page 2

Conditions of Approval / Application for Permit to Drill

Category

12/24/2008

Condition

None.

API Well No: 43047500660000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: NBU 921-16L1T API Well Number: 43047500660000 Lease Number: ST ML 3141

Surface Owner: INDIAN
Approval Date: 12/24/2008

Issued to:

KERR-MCGEE OIL & GAS ONSHORE, L.P., P.O. Box 173779, Denver, CO 80217

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of CAUSE: 173-14.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Surface casing shall be cemented to the surface.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following action during

API Well No: 43047500660000

drilling of this well:

- 24 hours prior to cementing or testing casing contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment contact Dan Jarvis
- 24 hours prior to spudding the well contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program contact Dustin Doucet
 - Prior to commencing operations to plug and abandon the well contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well contact Dustin Doucet
- Any changes to the approved drilling plan contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

• Dan Jarvis at: (801) 538-5338 office

(801) 942-0871 home

Carol Daniels at: (801) 538-5284 office
Dustin Doucet at: (801) 538-5281 office

(801) 733-0983 home

Reporting Requirements:

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Approved By:

For Gil Hunt

Associate Director, Oil & Gas

	STATE OF UTAH		FORM 9		
	5.LEASE DESIGNATION AND SERIAL NUMBER: ST ML 3141				
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute				
	sals to drill new wells, significantly deepen ex igged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 921-16L1T		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047500660000		
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	treet, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2155 FSL 0818 FWL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 16	IP, RANGE, MERIDIAN: 5 Township: 09.0S Range: 21.0E Meridian: S		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
Kerr-McGee Oil & Ga extension to this A	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION SMPLETED OPERATIONS. Clearly show all pertinas Onshore, L.P. (Kerr-McGee) rPD for the maximum time allow with any questions and/or comm	respectfully requests an yed. Please contact the ments. Thank you.	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL ✓ APD EXTENSION OTHER: Columes, etc. Approved by the Utah Division of Oil, Gas and Mining ate: December 23, 2009 y:		
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE Decidation Analysis			
SIGNATURE	/20 929-6156	DATE			
NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst			
	720 929-6156				



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047500660000

API: 43047500660000 Well Name: NBU 921-16L1T

Location: 2155 FSL 0818 FWL QTR NWSW SEC 16 TWNP 090S RNG 210E MER S

Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date Original Permit Issued: 12/24/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not

• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No • Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No • Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No • Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No • Has the approved source of water for drilling changed? Yes No • Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No • Is bonding still in place, which covers this proposed well? Yes No • Approved by the Utah Division of Oil, Gas and Mining nature: Danielle Piernot Date: 12/22/2009 Title: Regulatory Analyst Representing: KERR-MCGEE OIL & GAS ONSHORPATE: December 23, 2009	iire revis	sion. Following is a cl	necklist of s	ome items re	lated to th	e application,	which should be verified.	
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No Has the approved source of water for drilling changed? Yes No Has there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No Is bonding still in place, which covers this proposed well? Yes No Utah Division of Oil, Gas and Mining nature: Danielle Piernot Date: 12/22/2009 				ership chang	ged, if so, h	as the surface	agreement been	
 of this proposed well? Yes No Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No Has the approved source of water for drilling changed? Yes No Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No Is bonding still in place, which covers this proposed well? Yes No Utah Division of Oil, Gas and Mining nature: Danielle Piernot Date: 12/22/2009 					-	l which would	affect the spacing or	
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 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No Is bonding still in place, which covers this proposed well? Yes Yes Utah Division of Oil, Gas and Mining Date: 12/22/2009 					ncluding ow	nership, or ri	ghtof- way, which could	
change in plans from what was discussed at the onsite evaluation? Yes No Approved by the No Utah Division of Oil, Gas and Mining nature: Danielle Piernot Date: 12/22/2009	• Has th	ne approved source o	f water for d	Irilling chang	jed? 📗 Y	'es 📵 No		
• Is bonding still in place, which covers this proposed well? No Utah Division of Oil, Gas and Mining Nature: Danielle Piernot Date: 12/22/2009								
	• Is bon	nding still in place, w	hich covers t	this propose	d well? 🌘	Yes 🗐 No	Utah Division of	
Title: Regulatory Analyst Representing: KERR-MCGEE OIL & GAS ONSHORDate: December 23, 2009	nature:	Danielle Piernot	Date:	12/22/2009				
	Title:	Regulatory Analyst Re	presenting:	KERR-MCGE	OIL & GAS	ONSHOR PALE:	December 23, 2009	

Sig

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9			
	5.LEASE DESIGNATION AND SERIAL NUMBER: ST ML 3141					
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute					
	sals to drill new wells, significantly deepen e gged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 921-16L1T			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047500660000			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	PHONE treet, Suite 600, Denver, CO, 80217 3779	NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2155 FSL 0818 FWL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: 5 Township: 09.0S Range: 21.0E Meridian: S		STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR			
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME			
12/24/2010	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT	☐ DEEPEN [FRACTURE TREAT	☐ NEW CONSTRUCTION			
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK			
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL			
☐ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION			
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:			
l .	 MPLETED OPERATIONS. Clearly show all pertin as Onshore, L.P. (Kerr-McGee)		rolumes, etc.			
	APD for the maximum time allow		Approved by the			
l .	with any questions and/or com		Utah Division of			
			Oil, Gas and Mining			
			12/23/2010			
		U	ate: 12/23/2010			
By: Dille						
			7 0			
NAME (DI EACE DOTAT)	DUONE NUMBER	TTTLE				
NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst				
SIGNATURE N/A		DATE 12/20/2010				



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047500660000

API: 43047500660000 **Well Name:** NBU 921-16L1T

Location: 2155 FSL 0818 FWL QTR NWSW SEC 16 TWNP 090S RNG 210E MER S

Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date Original Permit Issued: 12/24/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

require revi	sion. Following is a che	cklist of so	me items relate	d to the applic	cation, which sh	ould be verified.
	ated on private land, ha ed? 🔵 Yes 🌘 No	s the owne	rship changed,	if so, has the	surface agreem	ent been
	any wells been drilled in requirements for this le			sed well which	would affect ti	ne spacing or
	nere been any unit or ot s proposed well? 🔵 Y			ce that could	affect the permi	itting or operation
	there been any changes the proposed location?			ling ownershi	p, or rightof- wa	ay, which could
• Has tl	ne approved source of v	ater for dr	illing changed?	O Yes	No	
	there been any physica je in plans from what w					
• Is bor	nding still in place, whic	h covers th	nis proposed we	ell? 🌘 Yes (- Otali B	ed by the ivision of and Mining
Signature:	Danielle Piernot	Date:	12/20/2010		12/	23/2010
Title:	Regulatory Analyst Repr	esenting:	KERR-MCGEE OIL	. & GAS ONSHO	REALE: 12	100



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

JANUARY 4, 2012

Kerr McGee Oil & Gas Onshore, L.P. P.O. Box 173779 Denver, CO 80217

Re:

<u>APD Rescinded – NBU 921-16L1T, Sec. 16, T. 9S, R. 21E</u> <u>Uintah County, Utah API No. 43-047-50066</u>

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on December 24, 2008. On December 23, 2009 and December 23, 2010, the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective January 4, 2012.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

cc: Well File

SITLA, Ed Bonner

